PATENTS ABSTRACTS OF JAPAN

560 December 13, 1990Vol. 14/No. E-1012

こうしていることではないというはないないのであることではいると

家は、生活をう

(54) CAR AUDIO DEVICE

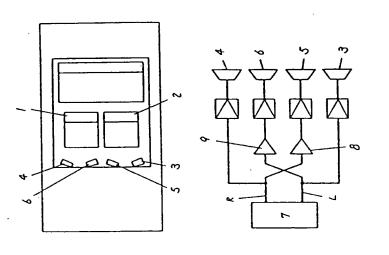
(19) JP (43) 25.9.1990 (22) 15.3.1989 (11) 2-241296 (A)

(21) Appl. No. 64-62522

(71) MATSUSHITA ELECTRIC IND COLTD (72) MITSUHIKO SERIKAWA(3) (51) Int. CI⁵. H04R5/02,B60R11,02,H04R1/02

a pair of main speaker on right and left sides in a forward part in a vehicle To prevent stereoscopic feeling from being damaged by arranging and arranging plural center speakers near the center of a pair of the main speakers with being respectively directed to a driver seat and an assistant PURPOSE:

sated by reproducing a right channel signal by a center speaker 5 for assistant seat. Thus, the sound image biased to the left side can be made normal to In a driver seat 1, since distances from the driver seat 1 to both right and left channels speakers 4 and 3 are widely different, a sound by reproducing a left channel signal by a center speaker 6 for driver seat. Next, in the assistant seat 2, oppositely to the operation as mentioned above, the lowering of the level in a right channel signal I reproducing tone is compenthe lowering of a level in a left channel signal reproducing tone is compensated Thus, the sound image biased to a right side can be made normal to the front. image is made normal in a position biased to the right speaker 4. However CONSTITUTION:



(72) Erfinder (22) Anmoldetog in Japan

(52) Japanische Patentklossifikation (71) Anmolder.

(51) Internationala Patantkiassifikatior

zu den Bibliographicdaten LEGENDE

(54) Titel der Patentenmeldung

(11) Nummer der JP-A2 Veröffentlichung

(21) Aktonzolchon dor JP-Anmoldung

(43) Varöffantlichungstag